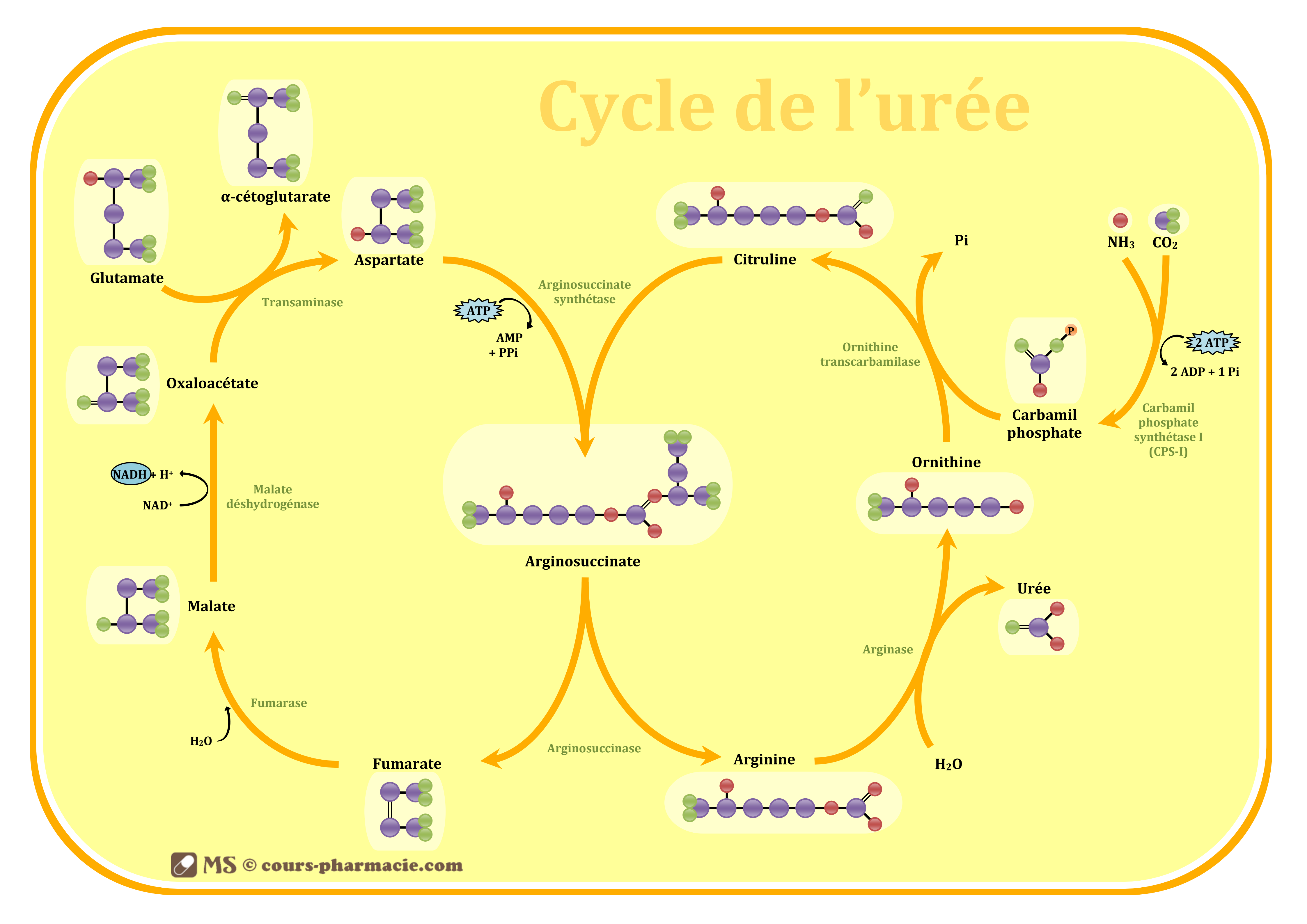


Cycle de l'urée
Glutamate
α-cétoglutarate
Aspartate
Transaminase
Oxaloacétate
NADH + H+
NAD+
Malate déshydrogénase
Malate
H2O
Fumarase
Fumarate
ATP
AMP + PPi
Arginosuccinate synthétase
Arginosuccinate
Arginosuccinase
Arginine
Citruline
Ornithine transcarbamilase
Pi
NH3
CO2
P
2 ATP
2 ADP + 1 Pi
Carbamil phosphate
Carbamil phosphate synthétase I (CPS-I)
Ornithine
Arginase
H2O
Urée
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